

APPENDIX D

Monitoring Programs/Projects

Understanding the effectiveness of protection and restoration activities to stabilize and improve salmonid productivity requires long-term monitoring and evaluation. Through the WRIP, information was collected on activities which monitor salmonid populations and habitat.

For the purposes of this project, monitoring was defined as:

the process of collecting information to evaluate if anticipated or assumed results of a management plan are being realized or to evaluate trends in fish and wildlife populations, habitat condition, or physical processes.

Information was summarized for publication in this report. For the complete information collected, download the WRIP spreadsheets from the Washington Department of Fish and Wildlife homepage (www.wa.gov/wdfw/).

APPENDIX D Monitoring project by WRIA

ENTRY #	WRIA	Project Title	Description	Status	Frequency	Annual Cost
1	All	TFW Ambient Monitoring Program	TFW cooperators collect stream data using standardized methodologies, such as temp, gravel condition, channel conditions, LWD, etc. Training and QA/QC are provided A database of this information produces standardized output	Ongoing	Varies	\$100,000
2	1	Kamm Creek Watershed Monitoring Program	Water Quality	ongoing		
3	7	Beneficial Use of Dredge Materials-Jetty Island Habitat Development Project	Salmonids	Ongoing		
4	9	Duwamish River Coastal American Restoration Sites	Salmonids	Ongoing		
5	10	Ohop Farm Wetland Enhance	shallow water wetland created, trees shrubs planted	Proposed	monthly	?
6	10	Mowich Watershed of Mt. Rainier Nat'l Park	baseline inventory & long term monitoring	Ongoing		
7	10	Huckleberry Watershed of Mt. Rainier National Park	baseline inventory & long term monitoring	Ongoing		
8	10	West Fork Watershed of Mt Rainier National Park	baseline inventory & long term monitoring	Ongoing		
9	11	Nisqually Watershed of Mt Rainier national Park	baseline inventory & long term monitoring	Ongoing		
10	11	Puyallup Watershed of Mt Rainier national Park	baseline inventory & long term monitoring	Ongoing		
11	12	SPSWA Wetland Enhancement	1 pond excavated, water control device, trees planted	Proposed	monthly	?
12	12	SPSWA Wetland Enhancement	3 ponds excavated, 10,000 trees & shrubs planted	Completed	monthly	?
13	15	CCWF Ambient Monitoring Project	water qual, fish hab db, public ed	Ongoing		
14	17	Putansuu Creek	Salmonids, Water Quality	Ongoing	as available	\$0
15	18	Dungeness Habitat Inventory	Salmonids	Completed		\$8,085
16	18	Dungeness Habitat Inventory	Salmonids	Completed	once	\$8,085
17	18	Dungeness Coho Evaluation	Salmonids	Completed		\$6,569
18	18	Elwha Chinook Evaluation	Salmonids	Completed		\$8,250

APPENDIX D Monitoring project by WRIA

ENTRY #	WRIA	Project Title	Description	Status	Frequency	Annual Cost
19	18	Dungeness Coho Evaluation	Salmonids	Completed	yearly	\$26,385
20	18	Meadowbrook Creek Smolt Trap	Salmonids	Completed		\$0
21	18	Elwha Chinook Evaluation	Salmonids	Completed	yearly	\$8,250
22	18	Dungeness Coho Evaluation	Salmonids	Completed	yearly	\$26,569
23	18	Meadowbrook Creek Smolt Trap	Salmonids	Ongoing	seasonally	\$0
24	18	Dungeness Coho Evaluation	Salmonids	Completed		\$6,385
25	18	Dungeness Hatchery	Salmonids	Completed	yearly	\$26,655
26	19	Deep Creek Monitoring Project	fish hab enhanc, monitoring, planning	Ongoing		
27	20	Quileute surface water monitoring	Water Quality	Ongoing		
28	20	Lake Ozette Water Quality Monitoring Project	Water Quality monitoring	Ongoing		
29	22	Ecological Status of a Created Estuarine Slough				
30	30	Klickitat Wildlife Area Management Plan	Wildlife, Land Use	Ongoing	Yearly	
31	30	HB 1309 - Ecosys Standards for State-Owned Agri & Grazing Land	Water Qual/Rip Zones/Land Use	Ongoing	Yearly	
32	32	Hatchery Monitoring	quality, fish habitat			
33	35	Hatchery Monitoring	steelhead, water			
34	35	Hatchery Monitoring	salmon and	ongoing	annually	\$500,000
35	39	Yakima Species Interaction Studies	Salmonids	Ongoing	yearly	\$500
36	39	Yakima Species Interaction studies	Salmonids	Ongoing	yearly	\$1,500
37	39	Yakima Species Interaction studies	Salmonids	Ongoing	yearly	\$1,500
38	39	Yakima Species Interaction studies	Salmonids	Ongoing	yearly	\$1,500
39	39	Yakima Species Interaction studies	Salmonids	Ongoing	yearly	\$1,500
40	39	Yakima Species Interaction studies	Salmonids	Ongoing	yearly	\$1,500
41	10-38	White River Watershed of Mt Rainier National park	baseline inventory & long term monitoring	Ongoing		